

A. Zadernidko

GEMA Cooperation and Organizational
Structure Considered, by A. Zadernidko,
12 pp.

RUSSIAN, per, Agitator, Moscow, No 17,
Sep 71, pp 48-51.

JPRS 54857

Feb 72

2
Twenty Years of CEMA Cooperation Surveyed, by
A. Zademidko, 7 pp.
RUSSIAN, np. Izvestiya, Moscow, 21 Jan 1969, p 5.
JPRS 47431

USSR
Econ
Mar 69

A. Zademidko

374,803

50
Change in Position of Oxygen Fixation Curve as
Functions of Intrazymocytic Cation and Hemoglobin
Concentrations, by F. Waldeck, R. Zader, et al.
GERMAN, per, Klinische Wochenschrift, Vol 44,
1969, pp 1068-1074.
ACSI J-8850
ID 720006970

R. Zader

Sol/BM
July 70

Approximation of Dynamic Characteristics
in the Class of Generalized Functions, by
V. K. Zadiraka.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183,
No 5, December 1968, pp 1024-1027.
The Am Inst Phys.

Vol 13, No 12, June 1969.

Aug 69

390,255

V. K. Zadiraka

68
Approximation of the Dynamic Characteristics
in a Class of Generalized Functions, by
V. K. Zadiraka, V. V. Ivanov, 7 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Moscow, Vol 83, No 5, 1968, pp 1024-1027.
JPRS 47,451

V. K. Zadiraka

Sci-Cybernetics
Feb 69

775,866

Increased, More Efficient Production of
Corn Urged, by A. Zadontsov, 5 pp.
RUSSIAN, per, Ekonomicheskaya Gazeta,
Moscow, No 10, Mar 71, p 18.
JPRS 52837

Apr 71

A. Zadontsov

9
A Vignette of Mountain Peasant Life, by Mal.
L. Zadornozhnyi, 12 pp.
UKRAINIAN, por, Vitchyzna, No 12, Dec 1966,
pp. 18-24,
JPRS 42162

Mal. L. Zadornozhnyi

USDA
Doc
Aug 67

377,823

1
Economy of Electric Power in Azerbaydzhan, by
A. Zador, 5 pp.
RUSSIAN, per. Bakinskiy Rabochiy, Baku,
15 March 68, p. 2.
JPRS 45,109

A. Zador

USSR

Economic
April 68

355,700

36
The Switching of a 530 kV Autotransformer with
Parallel Operation by means of breakers, by
G. K. Zadrey.

RUSSIAN, per, Elekt Stantsii, Vol 39, Mar-Apr
1969, pp 83-85.

CECE

SBI Tr-17984

G. K. Zadrey

Sci/Elect

Mar 70

402,560

23

Czech Author Discusses Democratic Centralism
and Its Social Function, by J. Zadrobilek,
10 pp.

CZECH, per. Novy Vysl. No 15, 25 Jul 1967,
pp 21-23.

JPRS 42580

J. Zadrobilek

EE-Czechoslovakia

Pol

Oct 67

340,768

121
The Use of the Liquid Ion Exchanger
"PC-Amion-NM 600" for the Estimation of ^{131}I ,
by M. Zaduban, M. Erubovsky, G. Ilyukhova,
J. Benes, 37 pp.
GERMAN, par, Radiochimica Acta, Vol 5, No 1,
1966, pp 34-37. P911179867
AEC HP Tr-1517

M. Zaduban

326,472

Sci - Physics
June 67

Limiting Angles of Wetting of Solid Phase of
Various Organic Compounds by Their Melts, by
S. N. Zadumkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 4,
1969, pp 797-799.
CB

Jul 70

S. N. ZADUMKIN

S. N. Zadumkin

A Simple Method of Calculating Surface
Energy and Surface Tension of Ionic
Crystals, by S. N. Zadumkin.

RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavedenii. Fizika, Vol 11,
No 9, 1968, pp 40-51.
NTC 72-10726-20B

Apr 72

175
'Ashes and Diamonds' by Adrzejewski Reviewed,
by Bohdan Zachara, 5 pp.
POLISH, np, Kultura, Warsaw, 8 Jun 1969, p 3.
JPRS 48474

BOHDAN ZACHARA

EE-Poland

Soc

Aug 69

388,871

A Study of the Degradation of Tissue Proteins
After Thermal Injury, by T. L. Zaets.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.
Vol 183, No 6, Dec 1968, pp 1465-1467.

CB

T L Zaets

Jan 71

6.5
A Journey to the Bottom of the Barents Sea,
by M. Zaferman, 5 pp.
RUSSIAN, per, Biblioteka Sportmena Podvodnika,
No 15, 1966, pp 14-18.
JPRS 42417

M. Zaferman

Sci-Earth Sci & Oceanography
Oct 67

342,774

M. L. ZAFERMAN

The Behavior of Cod in Regions of Intensive Fishing,
by M. L. Zaferman.

RUSSIAN, per, Rybnos Khoz., Vol 48, No 5, 1972,
pp 7-8.

*Dept of Commerce
INFO

Oct 72

M. L. Zaferman

The Reaction of Arctic Sea to Artificial Light, by
M. L. Zaferman.

RUSSIAN, per, Science News, Vol 48, No 6, 1972,
pp 8-9.

*Dept of Commerce
RWS

Oct 72

52
Christianity and Revolutionary
Violence Discussed, by
Juan Carlos Zaffaroni, 5 pp.
SPANISH, per, Cristianismo y
Revolucion, Buenos Aires, September 1968,
pp 31-32.
JPRS 46648

Juan Carlos Zaffaroni

LA/Argentina
Pol
Nov 68

369,226

Mihaly Zafir

Alteration of Some Consumption Habits,
Patterns Recommended, by Mihaly Zafir, 23 pp.
HUNGARIAN, per, Korcsmasagi Szemle, Budapest,
No 11, Nov 72, pp 1299-1317.
JPRS 57946

Jan 73

Mihaly Zafir
Trend of Consumer Price Level Examined,
by Mihaly Zafir, 5 pp.
HUNGARIAN, np. Figyelő, Budapest, 20 Oct
71, p 5.
JPRS 54476

Nov 71

Population's Consumption in Third Five-Year
Plan Examined, by Mihaly Zafir, 6 pp.
HUNGARIAN, no. Pigyele, Budapest,
2 Jun 71, p 3.
JPRS 53416

Mihaly Zafir

Jul 71

Aerotriangulation Using the Stereometrograph
With Artificial Points of Minor Control and
Blockwise Compensation by P. H. Zafiroff.

GERMAN, per, Vermessungstechnik, Vol XIV,

No 2, Feb 1966, pp 47-52.

ACSI J-0016

ID 2204029466

P. H. Zafiroff

Sci-AxxaPhys

Aug 66

307,379

35
Universal System for the Automatic Numerical
Coding of Results of Photogrammetric Measure-
ments, by P. Zafirov, 5 pp.
RUSSIAN, per, Geodeziya i Kartografiya, Moscow,
Vol 14, No 8, 1969, pp 44-47.
JPRS 51920

Zafirov
Sci. Eng. Sci.
Dec 70

L. S. ZAGADSKAYA
Practical Application of Situational Control
Models, by L. S. Zagadskaya, Dr. I. Glykov, 12 pp.
RUSSIAN, per, Technicheskaya kibernetika (Tech.)
Moscow, No 2, Mar-Apr 1971, pp 18-25.
JPRS 53913

Sept 71

J. D. Zagolowicz

Use of Artificial Satellites to
Determine Deflection of a
Quasigeocentric Coordinate System,
by J. D. Zagolowicz.
RUSSIAN, PER, Geodesia i Kartografia,
Vol 16, No 3, 1967, pp 149-166
NTC 72-11712-08E

June 72

67
Pneumatics. A Competitor of Electronics?
by F. Zaganescu, 5 pp.
ROMANIAN, per, Stiinta Si Tehnica, No 9,
1966, pp 10-11.
AIR/FTD/RT-23-1088-67

Sci-Mechanical Engr.
Nov 68

366,284

F. Zaganescu

L. Zagar

Studies of Vitreous Systems With
SrO as Principal Constituent, by
L. Zagar.

GERMAN, per, Glastechnische Berichte,
Vol 44, 1971, pp 345-353
NTC 72-11618-11B

June 72

L. Zagar

The Leachability of Several Strontium-
Containing Glasses With the Modified
"Soxhlet-Apparatus", by L. Zagar.

GERMAN, per, Glastechnische Berichte,

Vol 42, No 3, 1969, pp 81-83.

NTC-71-10778-11B

Nov 71

Italian Aid and Trade with the Third World, 20
by Mario Segni, 5 pp.
ECONOMIA, np, Avanti, 27 Aug. 1970, p. 6.
SPIN 32017

IS-Italy
Econ
Sept 66

20,4,1

2

Soviet Economic Aid to Mongolia, by D. Zagas-
baldan, 5 pp.
RUSSIAN, per, Ekonomicheskaya Gazeta, No. 22,
June 1967, p. 41.
JPRS 41496

D. ZAGASBALDAN

USSR
Econ
Aug 67

333,268

B.A. Zagatskiy

System for Solving the Problems of Estimating
the Physical Parameters of Atomic reactors,
by B.A. Zagatskiy, 22 pp.

RUSSIAN, per. Unpublished MS, V.I. Lenin
Scientific-Research Institute of Atomic
Reactors, Melekess, USSR
NAVSHIP Trans No. 1323

Jul 72

11
Realistic Air Training Stressed, by
P. Zagaynyy, 5 pp.
RUSSIAN, per, Krasnaya Zvezda, 5 June 1968,
p 1.
JPRS 45353

P. Zagaynyy

USSR
M11
Sept 68

365,894

112
Properties of Isotope 102^{254} , by B. A. Zager, et al.
RUSSIAN, rpt, JINR-R-2470, 1965.
•AEC 2398

Zager, B. A.

Sci/Nuclear Sci
Jun 66

85
The Electric Conductivity of Glasses at High
Field Intensities, by L. Zager,
E. Papenikolan.
GERMAN, per, Glastechnische Berichte, Vol 42,
No 2, 1969, pp 37-43.
NTC-69-16002-11B

L. Zager

Sci-Materials
Feb 70

403,030

The Leninist Course of the Foreign Policy
of the CPSU, by V. Zagladin, 13 pp.

RUSSIAN, per, Kommunist Vooruzhennykh Sil,
No 9, May 1966, pp. 12-20.

JPRS 36373

V. Zagladin

USSR

Pol

Jul 66

306,874

The Tactics in the Communist Struggle against
State-Monopolistic Capitalism, by V. Zagladin
and A. Chernayev, 33 pp.
RUSSIAN, per, Kommunist, No. 13, Dec 1966,
pp. 25-36.
JPRS 39901

V. ZAGLADIN

USSR
Pol
Feb 67

317,169

CPSU Stresses Connection between Anti-War
Demonstrations and Local Issues, by V.
Zagladin, 5 pp.
RUSSIAN, np, Pravda, 4 May 1966, p. 5.
JPRS 35649

USSR
Pol
Jun 66

301,971

21
The World Communist Movement in the Fight
for the Unity of Its Ranks, by V. V. Zagladin,
19 pp.
RUSSIAN, per, Voprosy Istorii KPSS, No 6,
1966, pp. 3-13.
JPES 37097

V.V. Zagladin

USSR
Soc
Sept 66

310,253

6
International Communist Strategy Discussed,
by V. V. Zagladin, 21 pp.
RUSSIAN, per, Voprosy Istorii KPSS, Moscow,
No 4, 1969. pp 5-11.
JPRS 48174

V. V. ZAGLADIN

USSR
Pol
Jul 69

304,820

105
Some problems in fish industry discussed, by
P. M. Zaglubotskiy, 5 pp.
RUSSIAN, per, Ekhnaya zhizn', no 6, 1963,
pp 2-3.
JPRS 46266

Sci-Tech Ingr
Sep 68

365,565

P. M. Zaglubotskiy

Dynamic Programming of Transport Fleet,
by P. M. Zaglubotskiy, 5 pp.
RUSSIAN, per, Rybnoye Khozyaystvo, Moscow,
No 12, 1968, pp 71-73.
JPRS 47859

114

P. M. Zaglubotskiy

Sol-Mech, Ind, Civ & Mar Engr
May 69
378,553

JAN ZAGONCZYK

Management of Foreign Trade in Planned Economy
Discussed, by Jan Zagonczyk, 8 pp.

POLISH, per, Handel Zagraniczny, Warsaw, No 7,
Jul 72, pp 225-228.

JPRS 57469

Nov 72

A. M. Zagorodnaya

Planned Changes in Economic Proportions Outlined.
by L. Ya. Serov, A. M. Zagorodnaya, 35 pp.
RUSSIAN, per. Izvestiya Akademiya Nauk SSSR
Sovetskoye Ekonomicheskoye Nauchnoye, Moscow, No 4, 1971,
pp 38-47.
JPRS 96153

Oct 71

N. I. Zagorodnikov

Ways to Strengthen Public Order Outlined, by
N. I. Zagorodnikov, 8 pp.

RUSSIAN, per. Sovetskoye Gosudarstvo i Pravo,
Moscow, No 10, Oct 1971, pp 3-9.

JPRS 55073

Feb 72

112
Destruction of Wave Front of Straight Magneto-
Acoustic Waves at Large Mach Numbers, by S. P.
Zagorodnikov, G. M. Smolkin, G. V. Shalin, 16 pp.
RUSSIAN, rpt, IAE-1263, Moscow, 1966, pp 1-20.
F911188867
AEC NP Tr-1527

S. P. Zagorodnikov

327,879

Sci - Physics
Jun 67

Study of the Structure of a Strong Magneto-
sonic Wave Front in a Barrelled Plasma, by
S.P. Zagorodnikov, I.I. Rudakov, et al.
Moscow, rpt. State Committee on the Use of
Atomic Energy USSR, Institute of Atomic Energy
Imeni I.V. Kurchatov, Moscow, 1965. IAE-909.

W11020000

AEC tr-6704

S.P. Zagorodnikov

Sci/Physics

Sep 66

300,573

178
Bulletin of the All-Union Geographic Society,
No 4, Vol 98, 1966, by N. G. Zagorskaya, 12 pp.
RUSSIAN, per, Iz Vsesoyuznogo Geograficheskogo
Obshchestva, Tom 98, Vyp 4, 1966,
AMS No G1 198, V98, No 4.

N. G. Zagorskaya

Sci-E. Sci
Mar 67

320,709

Gas Release by Molybdenum at High Temperatures,
by T. N. Zagorskaya, G. F. Ivanovskiy, et al.
9 pp.

RUSSIAN, per, Izvestiya AN SSSR. Metally, No 1,
1968, pp 221-225
AIR/FPD/IT-24-480-68

T. N. Zagorskaya
sci/materials
nov 69

397,254

54
Bulgaria's Scientific Potential discussed, by
Nikola Zagorski, 15 pp.
BULGARIAN, par. Politicheska Pravda, Sofia,
No 9, Sept 1970, pp 30-38.
JPRS 51706

Nikola Zagorski

Sci.-Sci and Sci. Organ
Dec 70

32
49
51
Analysis of Thermal Data and Equation of State
for Ethane, by V. A. Zagoruchenko, A. B. Vasserman,
6 pp.
RUSSIAN, per, Izvestiya VUZ. Khim' i Fiz., No 10,
1961, pp 85-90.
NTIS TT 69-55046

V.A. Zagoruchenko

Sci/Chem
Doc 70

V. A. Zagoruchenko

The Equation of State of Gas Mixtures Containing
Mainly Light Hydrocarbons and Nitrogen.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii, Neft i Gaz, No 2, 1965, pp 72-74
NTC 72-13379-07D

Oct 72

Method of Setting Up Equation of State for
Multicomponent Mixtures, by

V. A. Zagoruchenko, 8 pp.

RUSSIAN, per, Akademiya Nauk SSSR - Teplofizika

Vysokikh Temperatur, Vol 3, No 2, 1965,
pp 244-249.

NTIS TT 69-55043

V. A. Zagoruchenko

Sci/Meth & Equip
Dec 70

Thermodynamic Properties of Ethane up to 400 C
and 300 ATM, by V. A. Zagoruchenko, 5 pp.

RUSSIAN, per, Izvestiya VUZ. Khimiya i
Khimicheskaya Tekhnologiya, Vol 5, No 5, 1962,
pp 734-738.

NTIS TT 69-55049

V. A. Zagoruchenko

Sci/Chem
Dec 70

Experimental Study of the Thermal Properties of
By-Product Petroleum Gas, by V. A. Yelena,
V. A. Zagoruchenko, 5 pp.
RUSSIAN, per, Investiya VUZ. Neft' i Gas, No 2,
1964, pp 39-42.
NTIS TT 69-55050

V. A. Zagoruchenko

Sol/Phys
Dec 70

Presentation of the Equation of State of Real
Gas in Explicit Form in Terms of the Independent
Variables T and v , by V. A. Zagoruchenko,
P. M. Kessel'man, 8 pp.
RUSSIAN, per, Zhurnal Fizicheskoy Khimiy, Vol 33,
No 6, 1959, pp 1221-1229.
NTIS TT 69-55051

V. A. Zagoruchenko

Sci/Chem
Dec 70

Thermophysical Properties of Gaseous and Liquid
Methane, by V. A. Zagoruchenko, A. M. Zhuravlev,
243 pp.
RUSSIAN, bk, Teplofizicheskiye Svoystva Gazobraz-
nogo i Zhidkogo Metana, 1969.
NTIS TT 70-50097

V. A. Zagoruchenko

Sci/Chem
Feb 71

Method of working out of Equation of State of
Multicomponent Mixtures, by V. A. Zagaruchenko.
6 pp.

RUSSIAN, per, Akademiya Nauk SSSR. Fizicheskaya
Vysokikh Temperatur, Vol 3, No 2, 1965,
pp 244-249.

*CINRI TT 69-55048

V.A. Zagaruchenko
Sci/Method and equipment
Mar 69

N. G. Zagoruike

Nature of the Pattern Recognition Problem.
VYCHISLITELNYE SISTEMY, No 36, 1969, pp 3-12.
NTC-72-14561-12A

Feb 1973

79
Evaluation of the Maximum quantity of Information
Contained in a Recognizable Signal, by
N. G. Zagoruyko. 10 pp.
RUSSIAN, per, Vychislitel'nyye Sistemy. Sbornik
Trudov, Vol 14, 1967, pp 39-48.
AT/PTD-M-24-404-69

N. G. Zagoruyko
sci/electronics
may 70

406,925

Combined Decision-Making Method, by 61
N. G. Zagoruyko.
RUSSIAN, per, AN SSSR. Sibirskoye Otdel.
Institut Matematiki. Vychislitel'nyye
Sistemy, No 22, 1966, pp 70-80.
AIR/FTD/MT-24-268-68

N. G. Zagoruyko

Sci-Elec
Apr 69

380,341

V. P. Zagradskiy

Respiration changes in December growing hypersapnia,
by V. P. Zagradskiy
RUSSIAN, per, Fiziologicheskii Zhurnal Vol 57, No 12,
1971, pp 1820-1822.
NASA TT F 14,259

may 72

125

Neutron Capture by Heavy Isotopes of Uranium
and Neptunium during a Thermonuclear Explosion,
by V. G. Zagrafov and V. P. Zorner, 15 pp.
RUSSIAN, per, Atomnaya Energiya, No 4, Oct
1967, pp 319-326.
JPRS 43563

AEC-BL-7-174 V. G. Zagrafov

Sci-Nuclear Sci & Tech.
Jan 68

347,397

Equilibrium distribution of multivalent ions on
ion exchangers, by Ya. M. Zaytsev, A. I. Kozlovskiy.
RUSSIAN, OR, Khimicheskii Zhurnal,
Vol 34, No 1, 1966, pp 55-56.
RFD-3-554

RFD 60

379,275

16
Writer Probes African Student Demands, by
Ambroise Zagre, 12 pp.
FRENCH, rpt. Afrique Nouvelle, Dakar, 14-20 Nov
1968, pp 8-9; 20-27 Nov 1968, pp 8-9.
JPRS 47135

~~A~~ Ambroise Zagre

AF-INTER-AFRICAN AFFAIRS

Pol

Jan 69

372,719

59
Information on Pharmaceutical Cong-
resses and Conferences, by B.N. Zagreb,
4 pp.

SRBEO-CROATIAN, per, Farmaceutski
Glasnik, Zagreb, March 68, pp. 143-
144.

JPRS 44,776

B.N. Zagreb

Sci-Bio. and Med. Sci.
March 68

352,913

V. N. Zagriazkin

On the Diffusion Mechanism in Transition-Metal
Monocarbides, by V. N. Zagriazkin.
RUSSIAN, per, Fizika Metallov i Metallovedenie, Vol 28,
1969, pp 292-297.
NTC-71-10243-11F

Nov 71

72
Experiment of Construction of a Signal with
Chorbie Lattice, by V. T. Zagrebnyy,
T. U. Sinovich.
USSRIAN, per, Radiofizika i Yartografika, No 7,
1965, pp 35-37.
AGIC 25-2447

V. T. Zagrebnyy

Sci/Asr Sci
Sep 68

303,898

66
On the Diffusion Mechanism in Transition-Metal
Monocarbides, by V. N. Zagriazhin, 9 PP.
RUSSIAN, per, Fiz Metallov i Metall, Vol 28, 1969,
pp 292-297.
REC/LA-Tr-70-20

V. N. Zagriazhin

Sci/Phy
Nov 70

Variscite Found For the First Time in Chukotka,
by I. A. Zagruzina, V. O. Poznyak.
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 4,
1968, pp. 945-946.
AGI

I. A. Zagruzina

Jan 69

373-368

5
Evaluating Cement Industry Profit Plans, by
M. M. Zagumennov, 5 pp.
RUSSIAN, per, ~~Isoment~~, Moscow, No 9, 1969, pp 4-5.
JPRS 49515

M. M. Zagumennov

USSR
econ
Jan 70

377,969

I. Zagura. 6 pp.
VESTNIK PROTIVOVUZDUSHNOY OBORONY, No 1, 1973, pp 81-83
NASA TT P 14,871

apr 73

V. I. Zagurskiy
Progressive Technology in Manufacturing Needle Rollers
of Bearings, by V. I. Zagurskiy. 8 pp.
RUSSIAN, per. Tekhnologiya i Organizatsiya Proizvodstva.
No 3, 1970, pp 37-39.
AIR/ETD-HT-23-1310-71

apr 72

Migration and the Labor Force in Part-
icular Areas, by Jaroslav Zahalka, 9 pp.
GOVERNMENT USE ONLY
CZECH, per, Planovane Hospodarstvi, Prague,
No. 11, Nov 67, pp. 41-47.
JPRS GUO 2668

EE(Czech.)
Economic
Jan 68

347,679

Credit and Monetary Policy of Czechoslovak State
Bank Discussed, by Vaclav Zahalka, 22 pp.

GOVERNMENT USE ONLY

CZECH, per, Finance a Uver, Vol 17, No. 5, May
1967, pp. 289-300.

JPRS GUO 2468

VACLAV ZAHALKA

EE-Czech

Econ

Aug 67

333,137

7
State Bank to handle Foreign Exchange Transactions,
V. Zahalka, 9 pp.
CZACH, per. Hospodarske Noviny, Prague, 13 Dec 1968,
pp 1-10.
JPIS 47515

EE-Czech
Moon
Mar 69

V. Zahalka

374,875

17
Discussion about Czechoslovak Crown, by
Vaclav Zahalka, 10 pp.
CZECH, per, Hospodarske Noviny, No 20,
17 May 1968, pp 1, 4.
JPRS 45341

VACLAV ZAHALKA

EE-Czechoslovakia
Econ
Sept 68

362,440

Role of Czechoslovak State Bank, by Engr 23
Vaclav Zahalka, 10 pp;
CZECH, per, Nova Mysl, No 6, Vol 20, 22 Mar
1966, pp. 18-21.
JPRS 35801

Vaclav Zahalka

EE-Czechoslovakia
Econ
Jun 66

302,994

Is Unused Purchasing Power a Problem?, by
Vaclav Zahalka, 18 pp.

GOVERNMENT USE ONLY

CZECH, per, Finance a Uver, No 3, 1966,
pp. 129-141.

JPRS GUO 1143

VACLAV ZAHALKA

EE-Czechoslovakia

Econ

May 66

299,390